

IFW 1754

PTO/SB/82 (09-03)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	09/876,953
	Filing Date	June 8, 2001
	First Named Inventor	Taneaki YAHATA et al.
	Art Unit	1754
	Examiner Name	Edward M. Johnson
	Attorney Docket Number	001458.00045

I hereby revoke all previous powers of attorney given in the above-identified application:

☐ A Power of Attorney is submitted herewith.
OR
☒ I hereby appoint the practitioners associated with the Customer Number: **22907**

☒ Please change the correspondence address for the above-identified application to:
☒ The address associated with Customer Number: **22907**
OR

<input type="checkbox"/> Firm or Individual Name					
Address					
Address					
City					
Country		State		ZIP	
Telephone		Fax			

I am the:
☐ Applicant/Inventor.
☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record	
Name	MORIKAWA INDUSTRIES CORPORATION
Signature	<i>Takashi Horiguchi</i> Takashi HORIGUCHI Chief Executive Officer
Date	April 13, 2004

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ *Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Morikawa Industries Corporation and Japan Science and Technology CorporationApplication No./Patent No.: 09/876,953Filed/Issue Date: June 8, 2001Entitled: Method And Apparatus for Converting Both Halogens in Organic Halides and Organic Compounds to Inorganic SubstancesMorikawa Industries Corporation and Japan Science and Technology Corporation, Corporations

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

state that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest

The extent (by percentage) of its ownership interest is _____ %

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011910, Frame 0031, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

April 13, 2004

Date

Telephone Number _____

Takashi Horiguchi

Signature

Takashi HORIGUCHI

Typed or printed name

Chief Executive Officer

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 30, 2001

PTAS

PENNIE & EDMONDS LLP
VICTOR N. BALANCIA
1155 AVENUE OF THE AMERICAS
NEW YORK, NY 10036



101758720A

5890-005-999

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/08/2001

REEL/FRAME: 011910/0031
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

YAHATA, TANEAKI

DOC DATE: 05/18/2001

ASSIGNOR:

TSUCHIYA, YUJI

DOC DATE: 05/18/2001

ASSIGNOR:

TOBA, NASAHICO

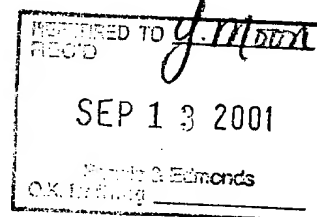
DOC DATE: 05/18/2001

ASSIGNEE:

MORIKAWA INDUSTRIES CORPORATION
150 IMOJIYA, KOSHOKU-SHI
NAGANO-KEN, JAPAN

ASSIGNEE:

JAPAN SCIENCE AND TECHNOLOGY
CORPORATION
1-8, HONCHO 4-CHOME, KAWAGUCHI-SHI
SAITAMA-KEN, JAPAN



011910/0031 PAGE 2

SERIAL NUMBER: 09876953 ✓
PATENT NUMBER:

FILING DATE: 06/08/2001
ISSUE DATE:

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06-25-2001

R SHEET

Y

Attorney Docket Number
5890-005-999

101758720

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Taneaki YAHATA
Yuji TSUCHIYA
Nasahiko TOBAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: May 18, 2001

2. Name and address of receiving party(ies):

Name: Morikawa Industries Corporation and
Japan Science and Technology CorporationAddress: 150, Imojiya, Koshoku-shi, Nagano-ken, Japan; and 1-8,
Honcho 4-chome, Kawaguchi-shi, Saitama-ken, Japan, respectivelyCountry (if other than USA): Japan

4. Application number(s) or patent number(s):

89/876953

If this document is being filed together with a new application, the execution date of the application is: May 18, 2001A. Patent Application No(s) To Be Assigned

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, NY 100366. Number of applications
and patents involved: 17. Total fee (37 CFR 3.41):.....\$ 40.00
Please charge to the deposit account listed in
Section 8.8. Deposit account number:
16-1150

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy
is a true copy of the original document.*Victor N. Balancia 31,321
Name of Person Signing Reg. No.

Signature

Date

June 8, 2001

Total number of pages including cover sheet:

2

ASSIGNMENT

WHEREAS, WE, Taneaki YAHATA, Yuji TSUCHIYA and Masahiko TOBA,

ASSIGNORS, citizens of Japan

residing at c/o MORIKAWA INDUSTRIES CORPORATION of 150, Imojiya, Koshoku-shi,
Nagano-ken, Japan, respectively,

are the inventors of the invention in METHOD AND APPARATUS FOR CONVERTING BOTH
HALOGENS IN ORGANIC HALIDES AND ORGANIC COMPOUNDS TO INORGANIC SUBSTANCES

for which we have executed an application for a Patent of the United States

☒ on ☒ even date herewith ☐ on _____ (date), or
☐ identified by Pennie & Edmonds docket no. _____, or
☐ filed on _____, Serial No. _____;

and WHEREAS, MORIKAWA INDUSTRIES CORPORATION and
JAPAN SCIENCE AND TECHNOLOGY CORPORATION, ASSIGNEE is
desirous of obtaining the entire right, title and interest in, to and under the said invention and the said
application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other
good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have
sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto
the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to
and under the said invention, and the said United States application and all divisions, renewals and continuations
thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions
thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United
States to issue all patents or other evidence or forms of industrial property protection on the aforesaid
application to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the
terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein
assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its
successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any
legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications,
make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal
representatives and assigns, to obtain and enforce proper protection for said invention.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our
respective signatures.

Date May 18, 2001

Taneaki Yahata Taneaki YAHATA L.S.

Date May 18, 2001

Yuji Tsuchiya Yuji TSUCHIYA L.S.

Date May 18, 2001

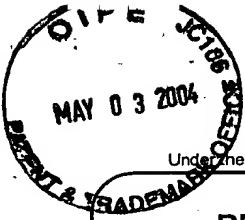
Masahiko Toba Masahiko TOBA L.S.

Date _____

_____ L.S.

Date _____

_____ L.S.

**REVOCATION OF POWER OF
ATTORNEY WITH
NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	09/876,953
Filing Date	June 8, 2001
First Named Inventor	Taneaki YAHATA et al.
Art Unit	1754
Examiner Name	Edward M. Johnson
Attorney Docket Number	001458.00045

I hereby revoke all previous powers of attorney given in the above-identified application:☐ A Power of Attorney is submitted herewith.**OR**☒ I hereby appoint the practitioners associated with the Customer Number:**22907**☒ Please change the correspondence address for the above-identified application to:☒ The address associated with Customer Number:**22907****OR**☐ Firm or
Individual Name

Address

Address

City

Country

State

ZIP

Telephone

Fax

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name

JAPAN SCIENCE AND TECHNOLOGY CORPORATION

Signature

Kazuki Okimura Kazuki OKIMURA President

Date

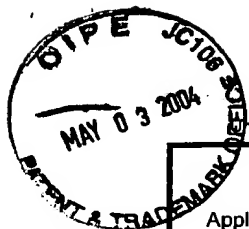
April 12, 2004

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 2 forms are submitted.

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(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

state that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest

The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011910, Frame 0031, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

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The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

April 12, 2004

Date

Kazuki Okimura

Signature

Kazuki OKIMURA

Typed or printed name

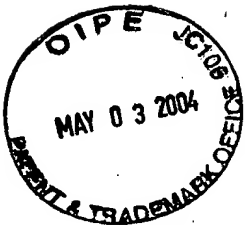
President

Title

Telephone Number

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Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

AUGUST 30, 2001

PTAS

PENNIE & EDMONDS LLP
VICTOR N. BALANCIA
1155 AVENUE OF THE AMERICAS
NEW YORK, NY 10036



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5890-005-999

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RECORDATION DATE: 06/08/2001

REEL/FRAME: 011910/0031
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
YAHATA, TANEAKI

DOC DATE: 05/18/2001

ASSIGNOR:
TSUCHIYA, YUJI

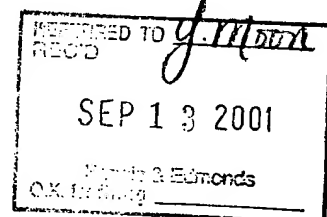
DOC DATE: 05/18/2001

ASSIGNOR:
TOBA, NASAHICO

DOC DATE: 05/18/2001

ASSIGNEE:
MORIKAWA INDUSTRIES CORPORATION
150 IMOJIYA, KOSHOKU-SHI
NAGANO-KEN, JAPAN

ASSIGNEE:
JAPAN SCIENCE AND TECHNOLOGY
CORPORATION
1-8, HONCHO 4-CHOME, KAWAGUCHI-SHI
SAITAMA-KEN, JAPAN



011910/0031 PAGE 2

SERIAL NUMBER: 09876953 ✓
PATENT NUMBER:

FILING DATE: 06/08/2001
ISSUE DATE:

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Express Mail No.: EL 501 640 176 US

06-25-2001



R SHEET

Y

Attorney Docket Number
5890-005-999

101758720

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231J1017 U.S. PTO
09/876953

06/08/01

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Taneaki YAHATA
Yuji TSUCHIYA
Nasahiko TOBAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: May 18, 2001

2. Name and address of receiving party(ies):

Name: Morikawa Industries Corporation and
Japan Science and Technology CorporationAddress: 150, Imojiya, Koshoku-shi, Nagano-ken, Japan; and 1-8,
Honcho 4-chome, Kawaguchi-shi, Saitama-ken, Japan, respectively

Country (if other than USA): Japan

4. Application number(s) or patent number(s):

89/876953

If this document is being filed together with a new application, the execution date of the application is: May 18, 2001

A. Patent Application No.(s) To Be Assigned

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, NY 100366. Number of applications
and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00
Please charge to the deposit account listed in
Section 8.8. Deposit account number:
16-1150

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy
is a true copy of the original document.*Victor N. Balancia 31,321
Name of Person Signing Reg. No.

Signature

Date

June 8, 2001

Total number of pages including cover sheet:

2

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, WE, Taneaki YAHATA, Yuji TSUCHIYA and Masahiko TOBA,

ASSIGNORS, citizens of Japan,

residing at c/o MORIKAWA INDUSTRIES CORPORATION of 150, Imojiya, Koshoku-shi,
Nagano-ken, Japan, respectively,

are the inventors of the invention in METHOD AND APPARATUS FOR CONVERTING BOTH
HALOGENS IN ORGANIC HALIDES AND ORGANIC COMPOUNDS TO INORGANIC SUBSTANCES

for which we have executed an application for a Patent of the United States

☒ on ☒ even date herewith ☐ on _____ (date), or
☐ identified by Pennie & Edmonds docket no. _____, or
☐ filed on _____, Serial No. _____;

and WHEREAS, MORIKAWA INDUSTRIES CORPORATION and
JAPAN SCIENCE AND TECHNOLOGY CORPORATION, ASSIGNEE is
desirous of obtaining the entire right, title and interest in, to and under the said invention and the said
application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other
good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have
sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto
the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to
and under the said invention, and the said United States application and all divisions, renewals and continuations
thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions
thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United
States to issue all patents or other evidence or forms of industrial property protection on the aforesaid
application to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the
terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein
assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its
successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any
legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications,
make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal
representatives and assigns, to obtain and enforce proper protection for said invention.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our
respective signatures.

Date May 18, 2001

Taneaki Yahata Taneaki YAHATA L.S.

Date May 18, 2001

Yuji Tsuchiya Yuji TSUCHIYA L.S.

Date May 18, 2001

Masahiko Toba Masahiko TOBA L.S.

Date _____

_____ L.S.

Date _____

_____ L.S.